

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	38486	character adj recognition	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/06 18:13
L2	287	L1 and(image\$3 or ccd or camera)same shoot\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/06 18:16
L3	1	L2 and(image\$3 or ccd or camera)and shoot\$3 adj direction and position adj measur\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/06 18:30
L4	0	L3 and(@adk<"20040108" or @ladk<"20040108" or @prdk<"20040108" or @ptdk<"20040108")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/06 18:30
S1	2	20050221856*	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 13:26
S2	2	S1 and(@adk<"20040108" or @ladk<"20040108" or @prdk<"20040108" or @ptdk<"20040108")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 13:34
S3	1	S1 and @adk<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 13:35
S4	35349	character adj recognition	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:01

S6	5073	character adj recognition and position and direction and extrad\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:02
S6	3881	\$S and(@ad<"20040108" or @lad<"20040108" or @prad<"20040108" or @ptad<"20040108")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:02
S7	2868	\$S and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:02
S8	602	S7 and character adj string	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:03
S9	102	S7 and character adj string and position adj range and coordinates	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:04
S10	0	\$S and storing and position and corresponding adj information and words	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:06
S11	0	\$S and storing and position and information and words	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:06
S12	0	\$S and storing and words	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:06
S13	90	\$S and storing	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:07

S14	0	\$13 and words	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:07
S15	90	\$13 and @adk<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:07
S16	99	((KATSUHIKO) near2 (TAKAHASHI)) INV.	US_PGPUB; USPAT	OR	ON	2009/12/06 14:39
S17	21	((DAISUKE) near2 (NISHIWAKI)) INV.	US_PGPUB; USPAT	OR	ON	2009/12/06 14:40
S18	2	S16 and character adj recognition and position and direction and extract\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:40
S19	0	S18 and (@adk<"20040108" or @radk<"20040108" or @pradk<"20040108" or @ptadk<"20040108")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:41
S20	2	S17 and character adj recognition and position and direction and extract\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:43
S21	1	S20 and @adk<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/06 14:45
S22	37082	character adj recognition	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 18:54
S23	268	S22 and [image\$3 or ccd or camera] same shoot\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 18:57

S24	1	\$22 and (image\$3 or ccd or camera) same shoot\$3 same measur\$3 same pos\$3 same obtaining or creat\$3 or genera\$3)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:03
S25	0	\$24 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:04
S26	144	\$22 and (image\$3 or ccd or camera) same shoot\$3 and measur\$3 and pos\$3 and obtaining or creat\$3 or genera\$3)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:04
S27	37	\$26 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:05
S28	12	\$27 and (detec\$3 or determining) same shoot\$3 and order and direction	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:10
S29	8	\$27 and (detec\$3 or determining) same shoot\$3 and order and direction and range and extract\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:11
S30	8	\$27 and (detec\$3 or determining) same shoot\$3 and order and direction and range and extract\$3 and place and pos\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:12
S31	8	\$30 and recogni\$3 and extract\$3 and (character or character adj string)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:14
S32	8	\$31 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/09 19:14

S33	60	pattern adj shooting	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:43
S34	36	S33 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:43
S35	30	S34 and character adj recognition and position and direction and extract\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:44
S36	30	S34 and character adj recognition	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:50
S37	30	pattern adj shooting and(image\$3 or ccd or camera)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:55
S38	17	S37 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 18:56
S39	10	pattern adj shooting and(image\$3 or ccd or camera) and(image\$3 or ccd or camera) same shoot\$3 and measur\$3 and posit\$3 and obtaining or creat\$3 or generat\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:07
S40	6	S39 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:10
S41	37125	character adj recognition	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:14

S42	0	S41 and pattern adj shooting and(image\$3 or ccd or camera) and(image\$3 or ccd or camera)same shoot\$3 and measur\$3 and posit\$3 and(obtaining or creat\$3 or general\$3)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:15
S43	37125	character adj recognition	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:16
S44	144	S43 and(image\$3 or ccd or camera)same shoot\$3 and measur\$3 and posit\$3 and(obtaining or creat\$3 or general\$3)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:16
S45	37	S44 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:16
S46	8	S45 and (detec\$3 or determining)same shoot\$3 and order and direction and range and extract\$3 and place and posit\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:16
S47	8	S46 and recognit\$3 and extract\$3 and(character or character adj string)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:16
S48	8	S47 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 19:16
S49	4196	character adj recognit\$3 and character adj string and recognit\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:00
S50	39	detec\$3 adj shoot\$3 same image same direc\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:03

S51	1	"L39" and (detected\$3 or determining) same shoot\$3 and order and direction and range and extract\$3 and place and posit\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:07
S52	11	\$50 and (detected\$3 or determining) same shoot\$3 and order and direction and range and extract\$3 and place and posit\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:08
S53	4	\$52 and @ad<"20040108"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:08
S54	0	\$53 and recogni\$3 and extract\$3 and (character or character adj string)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:09
S55	1	\$52 and pattern adj shooting and (image\$3 or ccd or camera) and (image\$3 or ccd or camera) same shoot\$3 and measur\$3 and posit\$3 and (obtaining or creat\$3 or general\$3)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:09
S56	0	\$52 and recogni\$3 and extract\$3 and (character or character adj string)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:16
S57	0	pattern adj shooting and (image\$3 or ccd or camera) same character adj recognition	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:37
S58	0	pattern adj shooting and (image\$3 or ccd or camera) same character adj measur\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:37
S59	2	shooting and (image\$3 or ccd or camera) same character adj measur\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/10 20:38

S60	37125	character adj recognition	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 10:57
S61	28910	shooting and (image\$3 or cod or camera or GPS or global adj positioning adj system or word adj dictionary)	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:00
S62	183460	(place adj name or road adj name or store adj name or building adj name or advertisement or person adj name same road adj sign or store adj sign adj board or poster or image adj scene)	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:04
S63	2802	S60 and S62	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:07
S64	43	S63 and S61	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:07
S65	16	S64 and @ad<"20040108"	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:07
S66	1634	S63 and extract\$3	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:08
S67	31	S66 and S61	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:08
S68	10	S67 and @ad<"20040108"	US_PGPUB; USPAT, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 11:09

S69	4	\$68 and (detected\$3 or determining) same shoot\$3 and order and direction and range and extract\$3 and place and pos\$3	US-PGPUB, USPAT, EPO, JPO, DERWENT; IBM_TDB	OR	ON	2010/06/11 11:15
S70	0	\$69 and measur\$3 and shooting adj position and (obtaining or creat\$3 or general\$3)	US-PGPUB, USPAT, EPO, JPO, DERWENT; IBM_TDB	OR	ON	2010/06/11 11:57
S71	4	\$60 and measur\$3 and shooting adj position and (obtaining or creat\$3 or general\$3)	US-PGPUB, USPAT, EPO, JPO, DERWENT; IBM_TDB	OR	ON	2010/06/11 11:58
S72	0	S71 and shooting adj direction and image adj order and (obtaining or creat\$3 or general\$3) and direction adj informa\$3	US-PGPUB, USPAT, EPO, JPO, DERWENT; IBM_TDB	OR	ON	2010/06/11 12:01
S73	0	S71 and shooting adj direction and image adj order and (obtaining or creat\$3 or general\$3) and direction adj informa\$3 and range	US-PGPUB, USPAT, EPO, JPO, DERWENT; IBM_TDB	OR	ON	2010/06/11 12:01
S74	6362	382,182,181,190,310,177,187,113,195,294,176,298,229,170,182,178,203,204.cds.	USPAT	OR	ON	2010/06/21 13:23
S75	1649	S74 and character adj recognition	USPAT	OR	ON	2010/06/21 13:23
S76	651	S75 and character adj recognition and position and direction and extract\$3	USPAT	OR	ON	2010/06/21 13:24
S77	6	S76 and character adj string and position adj range and coordinates	USPAT	OR	ON	2010/06/21 13:24
S78	6	S77 and @ad<"204040108"	USPAT	OR	ON	2010/06/21 13:24
S79	0	S78 and (detected\$3 or determining) same shoot\$3 and order and direction and range and extract\$3 and place and pos\$3	USPAT	OR	ON	2010/06/21 13:25
S80	0	S78 and (detected\$3 or determining) and shoot\$3 and order and direction and range and extract\$3 and place and pos\$3	USPAT	OR	ON	2010/06/21 13:25
S81	0	S78 and (detected\$3 or determining) and shoot\$3 and direction and range and extract\$3 and place and pos\$3	USPAT	OR	ON	2010/06/21 13:25

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

L6	1	(character adj recognizing and shooting adj position and position adj measur\$4 and extracting and range adj shooting and character adj string and image adj shooting).CLM.	US:PGPUB; USPAT; UPAD	:OR	ON	2010/11/06 18:52
L8	0	L6 and (@ad<"20040108" or @rlad<"20040108" or @prad<"20040108" or @plad<"20040108")	US:PGPUB; USPAT; UPAD	:OR	ON	2010/11/06 18:53
S82	0	((image\$3 or cod or camera)and shoot\$3 and measur\$3 adj position and direction adj :detecting).clm.	US:PGPUB; USPAT; UPAD	:OR	ON	2010/06/21 13:30

11/6/10 7:16:54 PM

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